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Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

Attorney Docket No. HIRA.0081

RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

This is in response to the office action dated November 14, 2002 and the phone interview with the Examiner on March 12, 2003, in the above identified application, the period for response is set to expire on March 14, 2003, with a fee for a one-month extension enclosed herewith. Please amend the above identified application with the replacement paragraphs/sections/claims as follows:

IN THE CLAIMS:

Please substitute claims 1, 8, 18, 19, 21, 22, 26-28 with the following amended claims:

- 1. A biochip comprising:
 - a surface spotted with a plurality of biopolymers in a predetermined pattern of spot locations; and
 - a storage medium stored with information of the biopolymers, wherein the storage medium stores information, said information comprising at least one spot location, identity of the biopolymers spotted on said spot location, and an amount of the biopolymers spotted on said spot location.